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Voltammetric determination of mexidol

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Abstract

A new voltammetric method for determining mexidol in pharmaceuticals is proposed. Using this technique, mexidol was determined in model solutions (with RS = of 1-6%) and in a ready-t--use preparation. The analytical range of mexidol determination using a glassy carbon composite electrode in 0.1 M H2SO4 extends from 4.8 × 10-3 to 1.8 × 10-2 M. The detection limit is 1.9 × 10-3 M. The proposed procedure can be used for the quality control in the drug production technology.